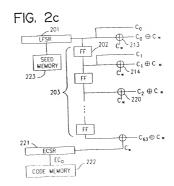
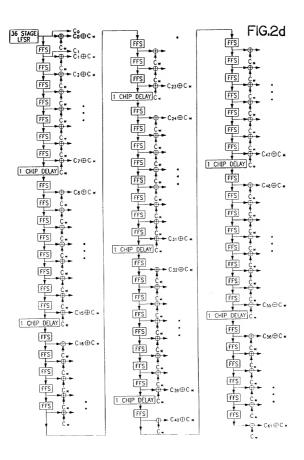


FIG. 2b $\frac{x(n)}{DELAY} \xrightarrow{x(n-1)} c(n)$





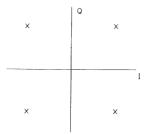


FIG. 3a

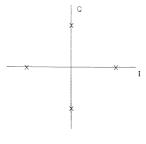
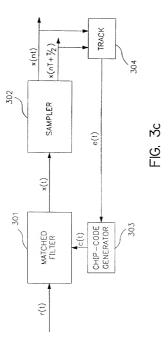
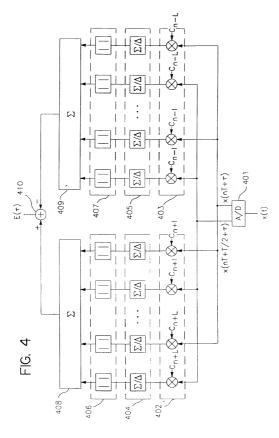


FIG. 3b





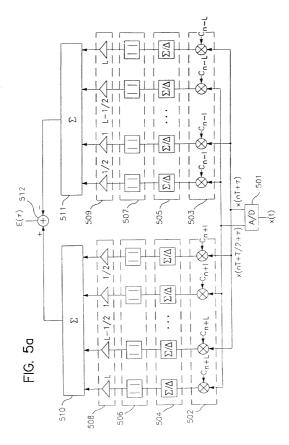
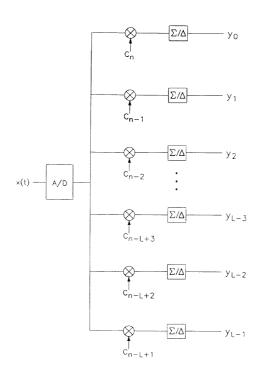


FIG. 5b



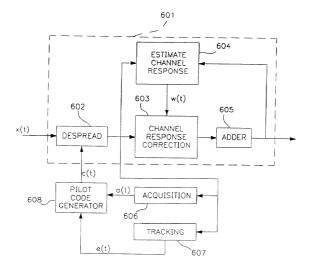
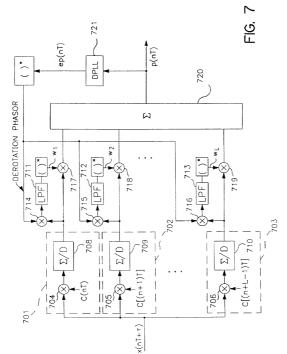


FIG. 6



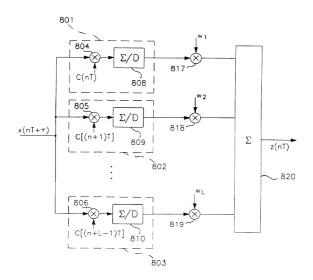


FIG. 8a

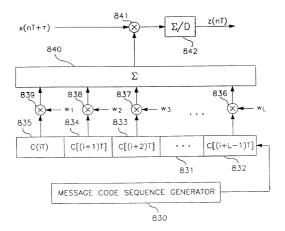


FIG. 8b

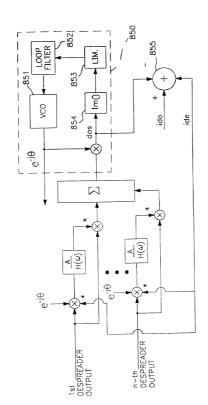
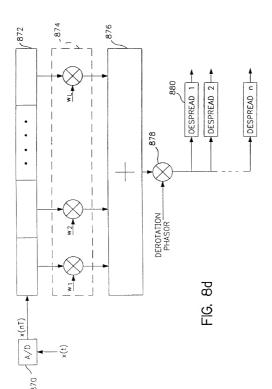
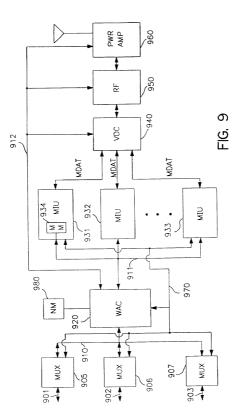
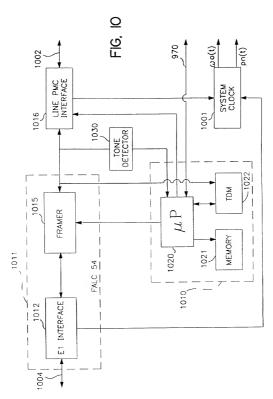
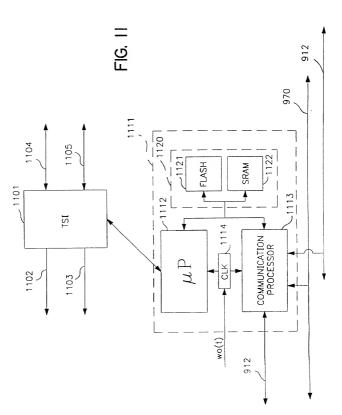


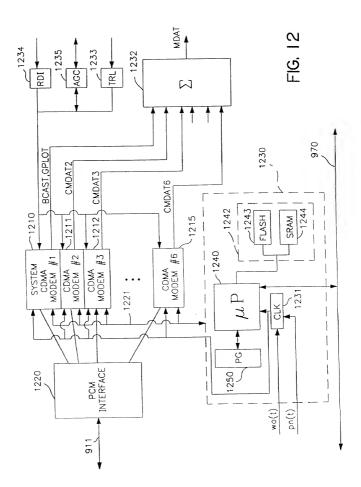
FIG. 8c











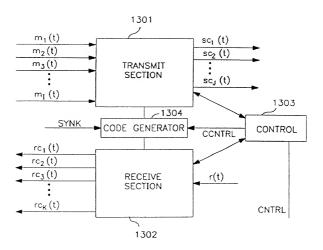
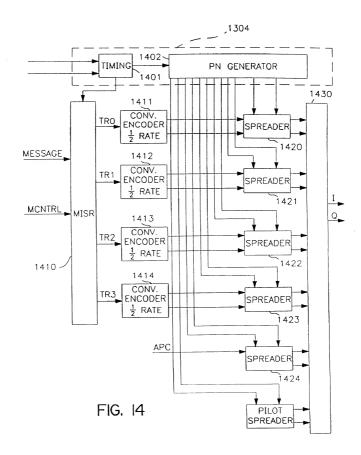
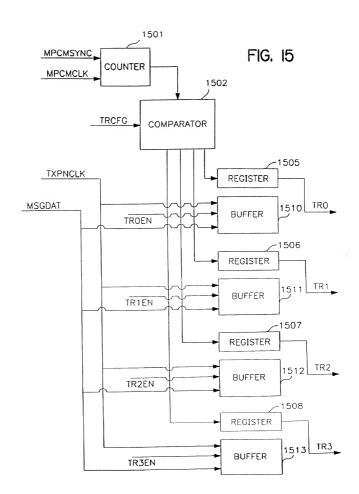


FIG. 13





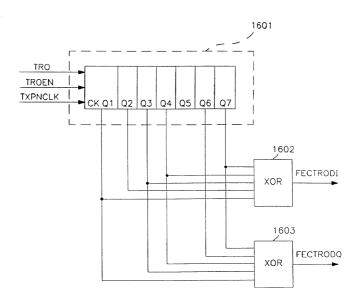


FIG. 16

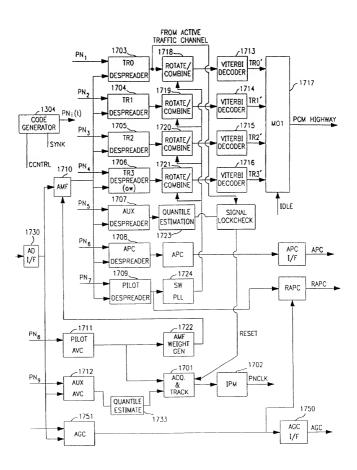


FIG. 17

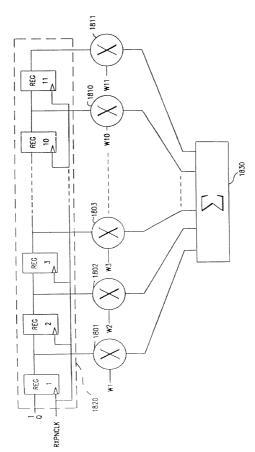
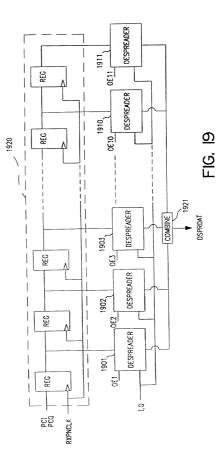
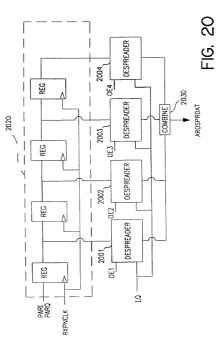
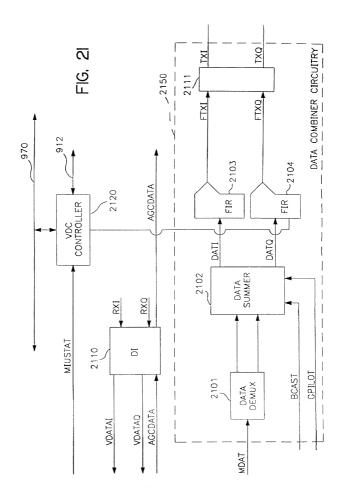


FIG. 18







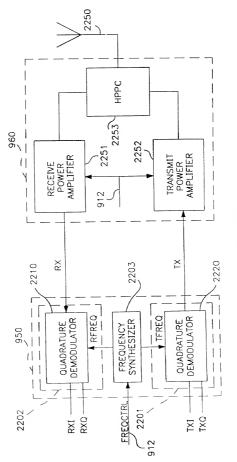
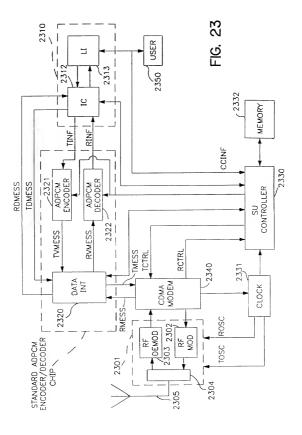
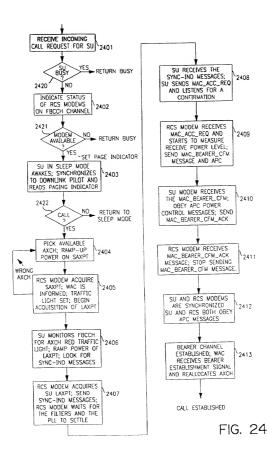
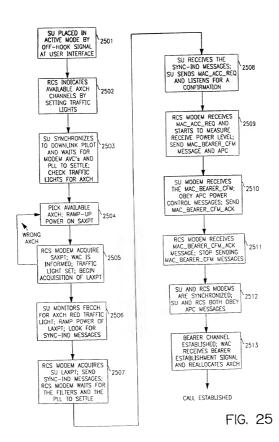


FIG. 22





17.1



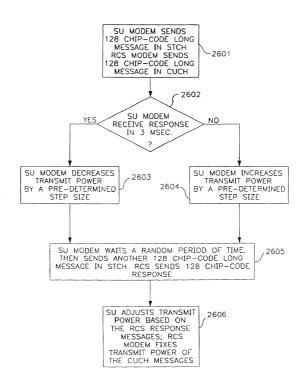


FIG. 26

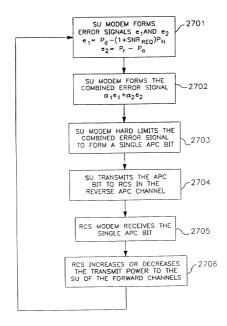


FIG. 27

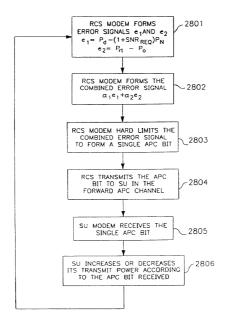
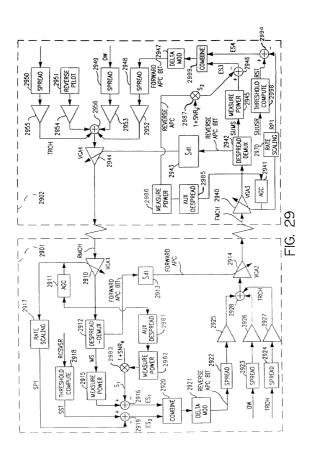


FIG. 28



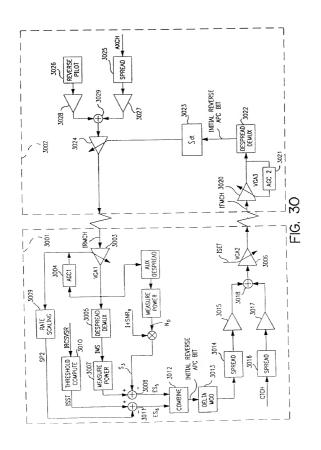


FIG. 31

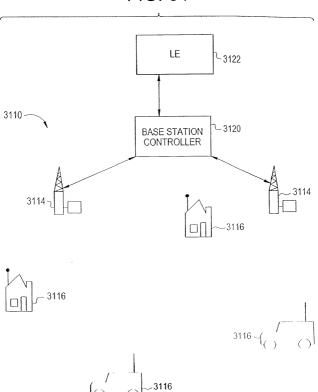
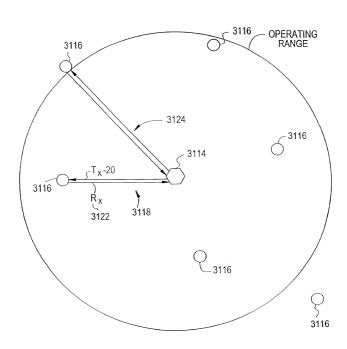


FIG. 32



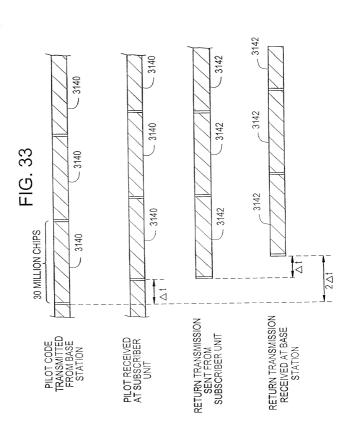


FIG. 34

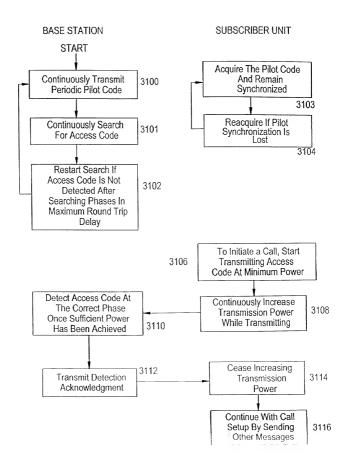


FIG. 35

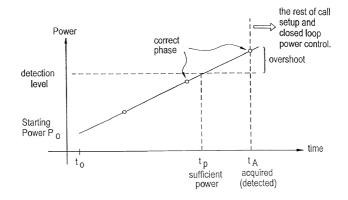


FIG. 37

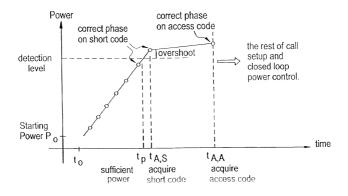


FIG. 36A

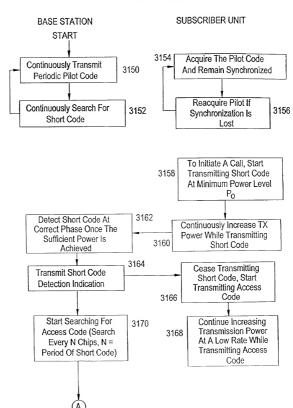
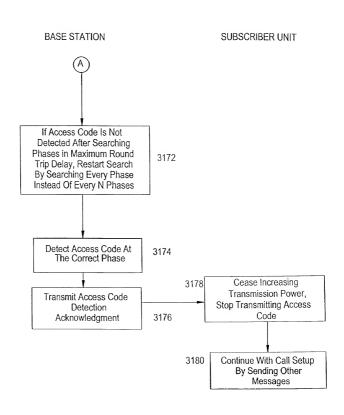
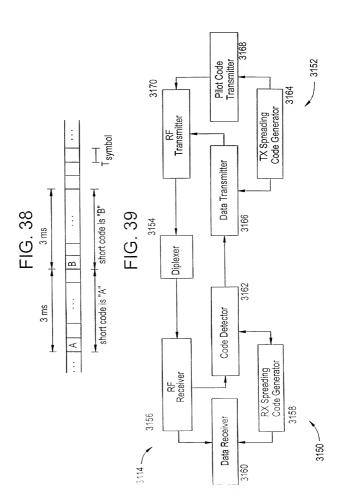


FIG. 36B





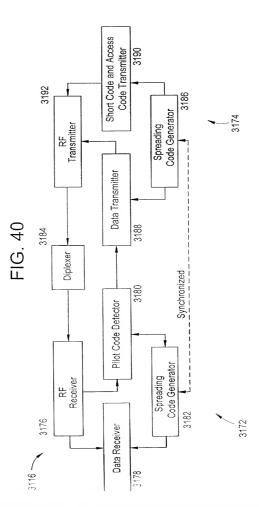


FIG. 41A START Base station transmits 3200 a pilot code while searching for the short code Subscriber unit aguires the pilot code transmitted from 3202 the base station Subscriber unit starts transmitting a short code starting at a minimum power level Po, which is guaranteed to be less than the required power, 3204 and quickly increases transmission power The received power level at the base station reaches the minimum level 3206 needed for detection of the short code Base station acquires the correct phase of the short code, transmits an indication of this detection, and begins 3208 searching for the access code Upon receiving the detection indication, the subscriber unit ceases transmitting 3210 the short code and starts transmitting an access code. The subscriber unit initiates a slow ramp - up of transmit power while sending the access code

FIG. 41B

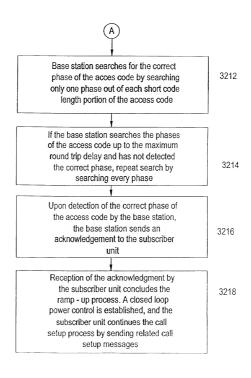


FIG. 42 PRIOR ART

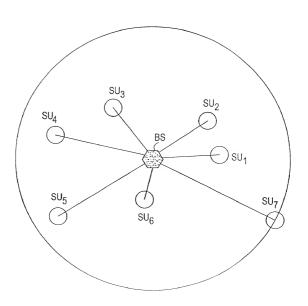


FIG. 43 (PRIOR ART)

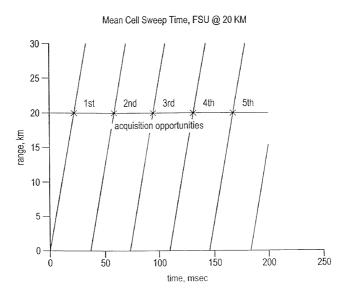


FIG.44

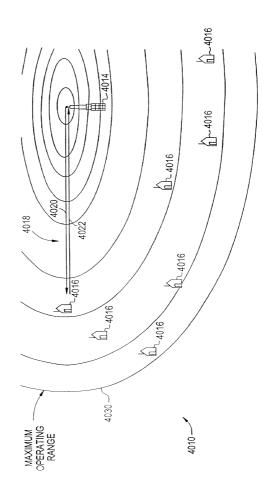
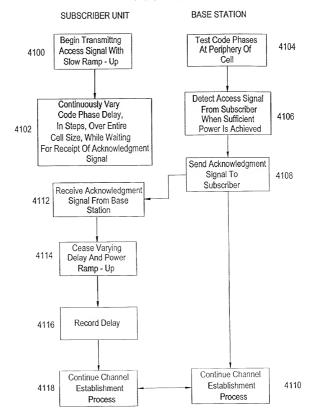
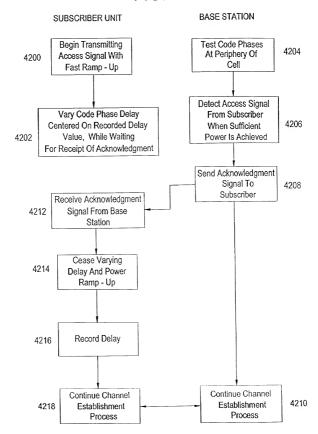


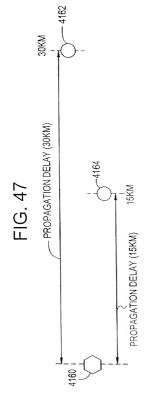
FIG. 45

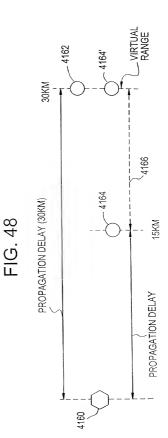


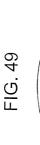
Į III

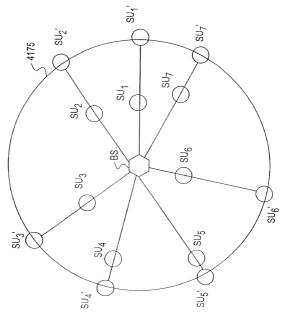
FIG. 46











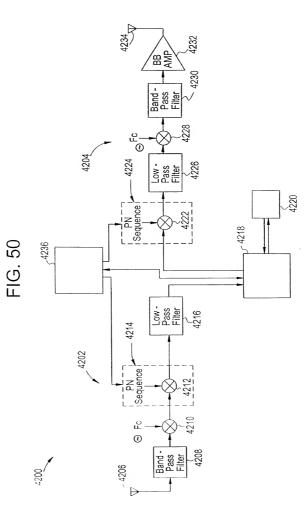


FIG. 51

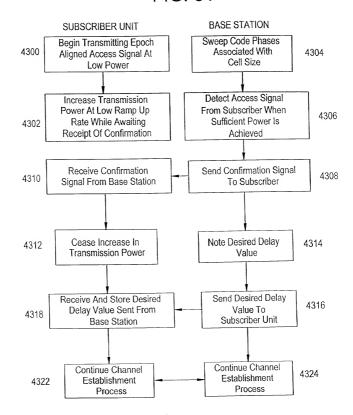
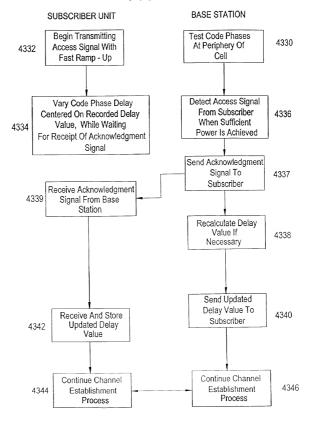


FIG. 52



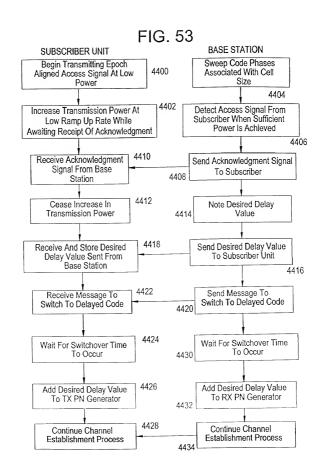


FIG. 54 PRIOR ART

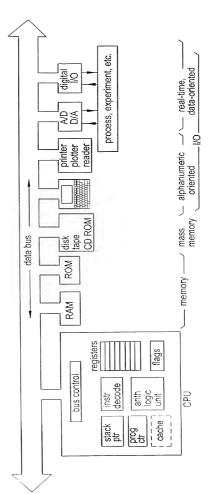
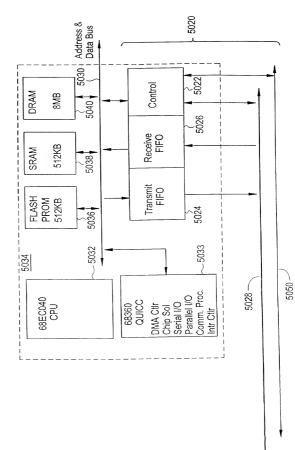


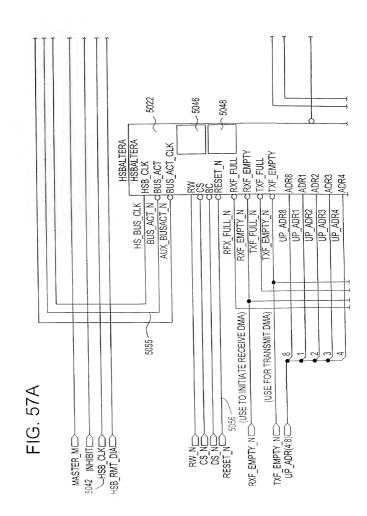
FIG. 55 PRIOR ART

Comments	controller-type applications original BMP C& compatibles accepts PC/XT cards enhanced PC/AT; auto-configure IBM PS/2, auto-configure LSI-11, LV/AX-II./Idaisy-chained IACK Intel; SUN-I and others data acquisition & confrol bus VAX 780, 8600 series; parity parity, 40MBs for Dik xfer, 20M otherwise Macintosh II adds 1 dedicated INT per slot, "" daisy-chained IACK; SUN-3
Connector b	H SESSEBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB
Drivers	
IRQ Lines a	Z 7 7 8 8 4 11 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Sync/Async	wwwwA44wwww444
Multimaster?	110
MUXed data/adr?	1111111111
Block xfer?	111
Address width	16 20,24 20,24,32 24,(32) 20,24 9 32 16,32 16,32 16,32 16,24,32
Data width	ω _α ω ω _α ω τττ ω
RAW bandwidth (Mbyte/s)	21.28 82 82 82 82 82 82 82 82 82 82 82 82 8
_ _ _ _ _ _ _	lan - 1

⁽a)E_edge-sensitive;L-LAM ("look at me");M-"int" via bus mastership; P-programmable edge-or level-sensitive interrupts. (b) CE-card-edge; DIN-2-part "Eurocard" 96-pin connector; H-high density 2-part conn. (c) almost. (d) National Semi special.

FIG. 56





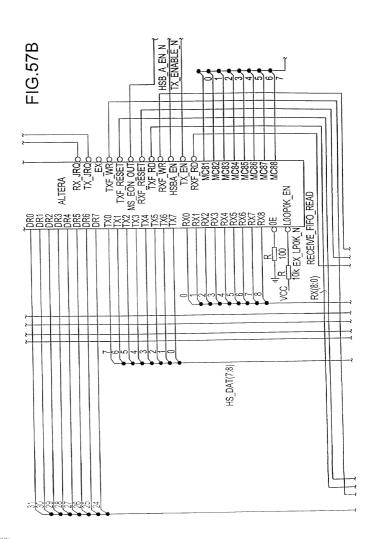
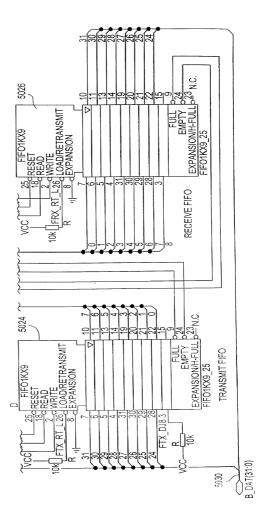
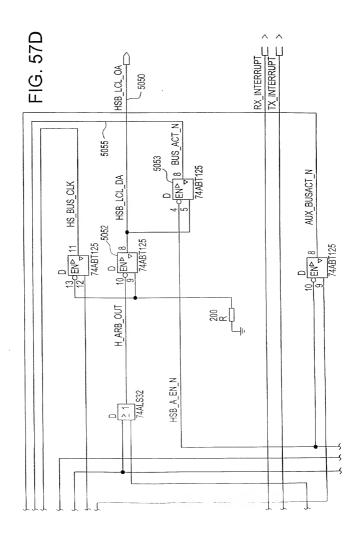
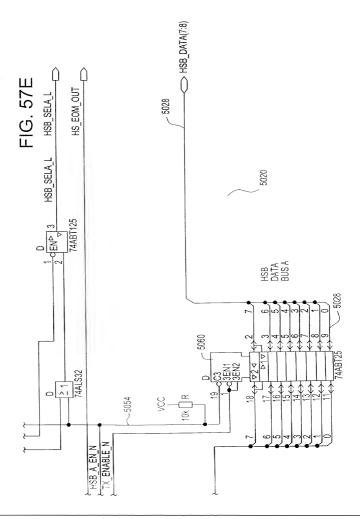


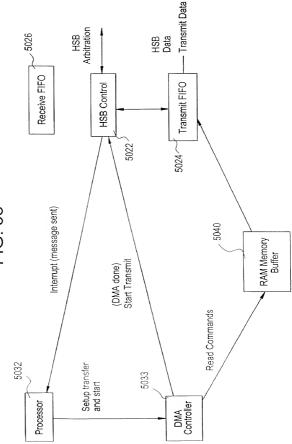
FIG. 57C

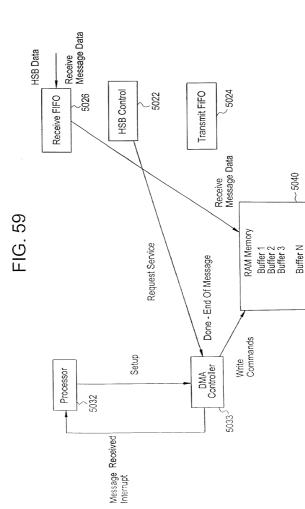




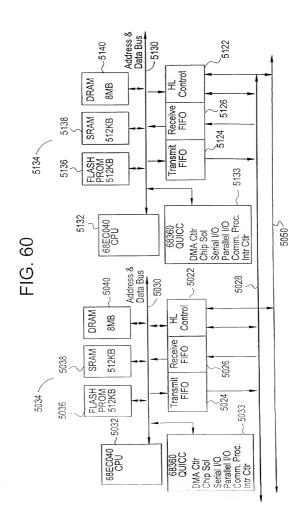








HALL HAM BE



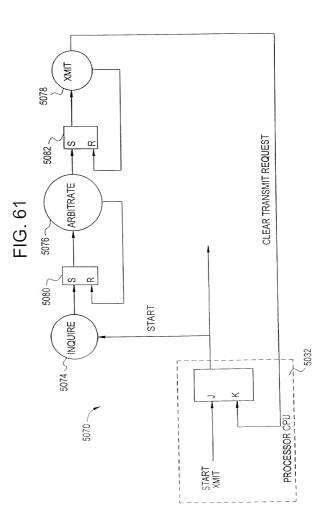


FIG. 62

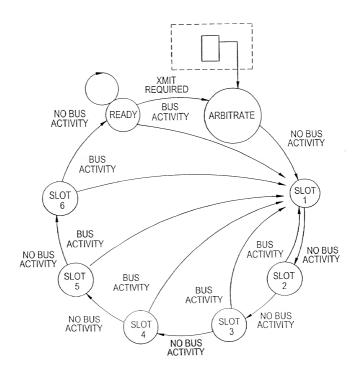


FIG. 63

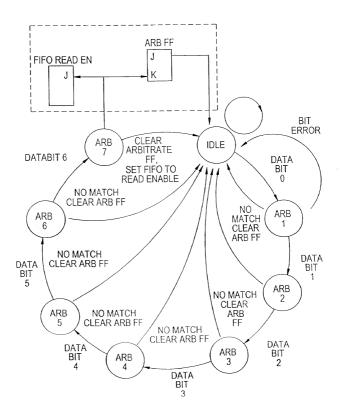


FIG. 64

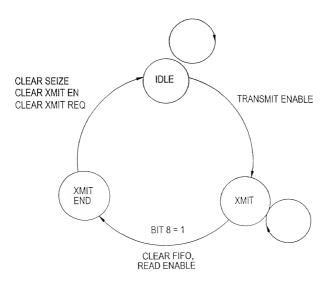


FIG. 65

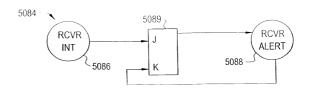


FIG. 66

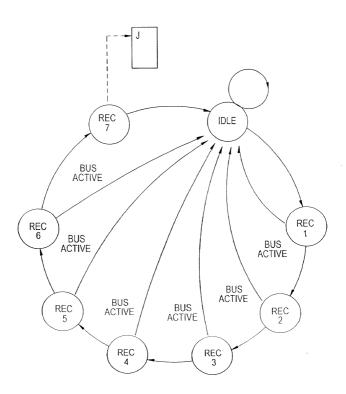


FIG. 67

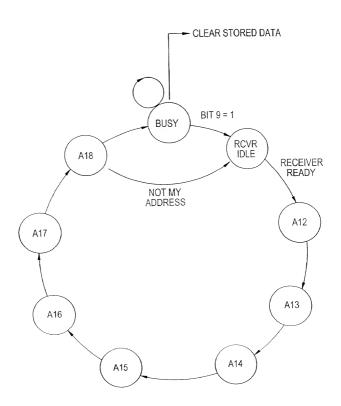
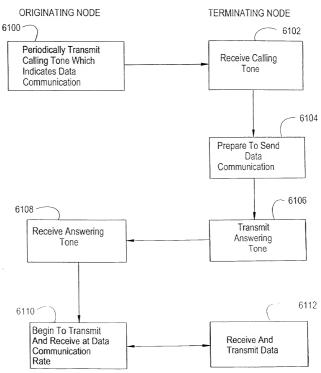


FIG. 68



FIG. 69 PRIOR ART



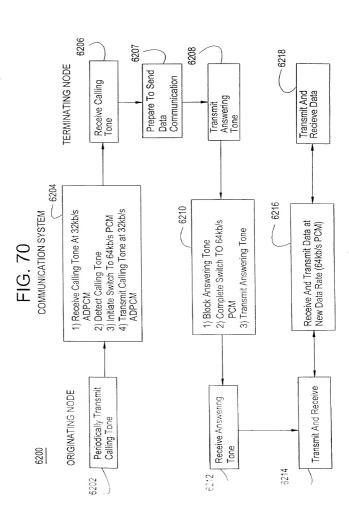
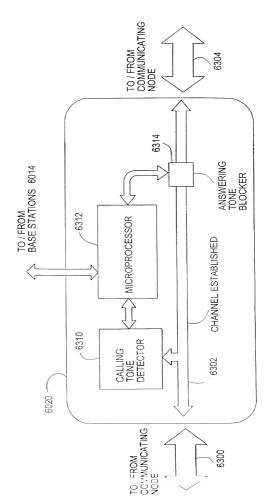
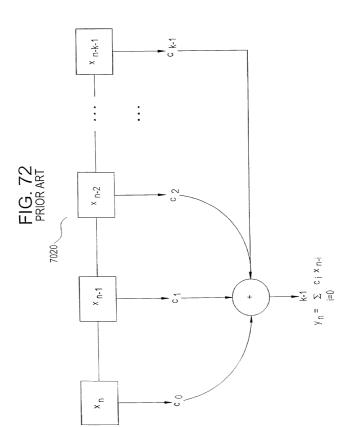
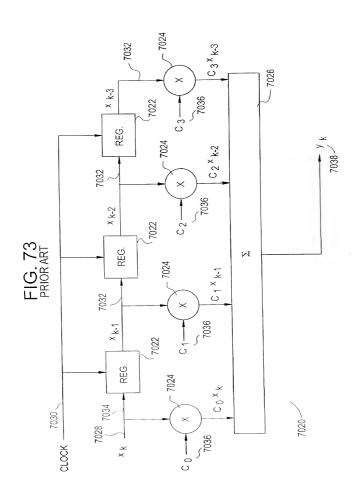


FIG. 71







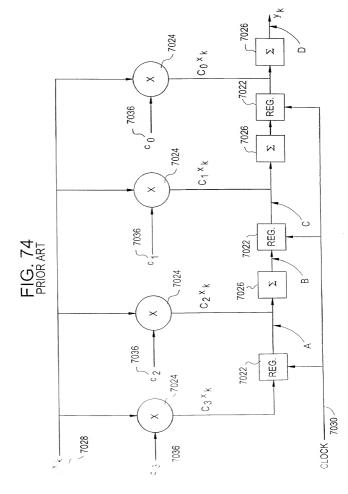
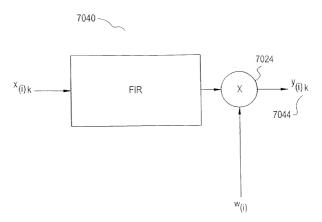
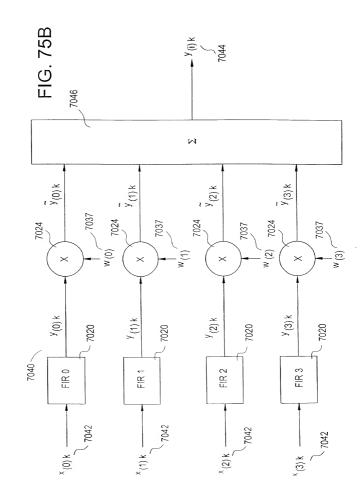
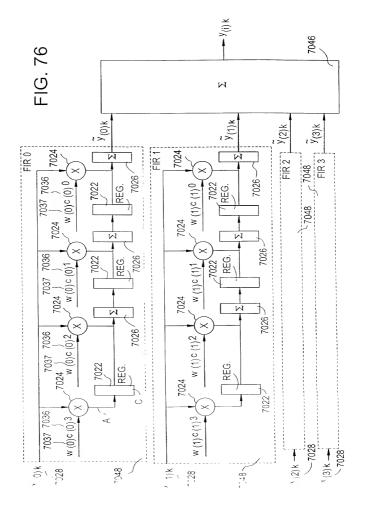


FIG. 75A







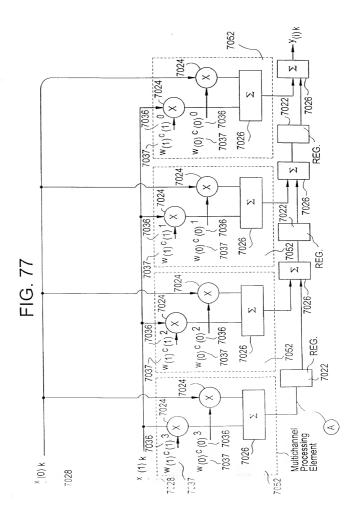


FIG. 78

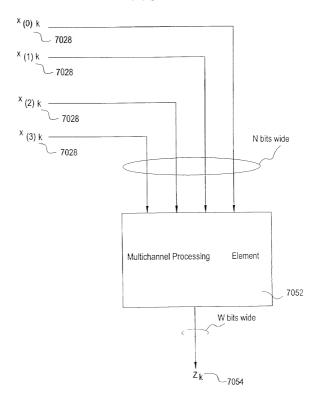
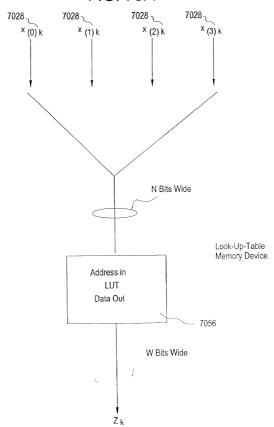
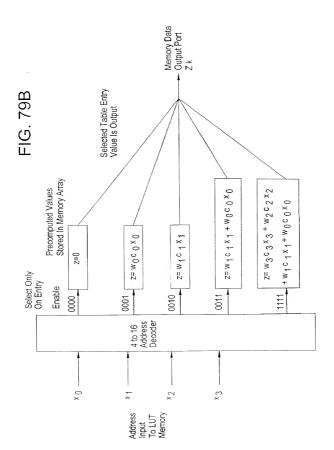
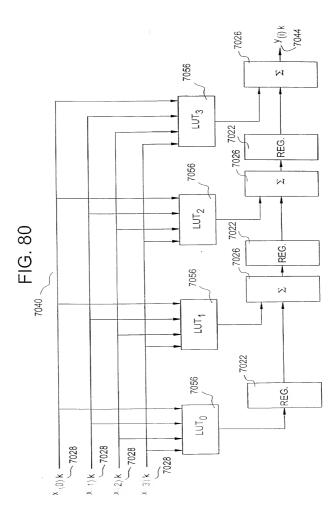


FIG. 79A







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